Compaq Netelligent 5226A Ethernet Switch

Compaq introduces the Netelligent 5226A Ethernet Switch with 24 10Base-T ports, two 10/100Base-TX uplink ports, and two modular uplink ports for additional 10/100Base-TX or 100Base-FX ports. The 10/100Base-TX uplink ports, both fixed and modular, are auto-sensing.

In addition to full SNMP management support, the Netelligent 5226A supports VLAN and RMON (groups 1, 2, 3, and 9). Each Netelligent 5226A switch also includes Compaq Netelligent Management Software (CNMS), so the user can immediately configure the switch and get detailed performance activity information.

Each port on the Netelligent 5226A is configurable for full or half duplex operation.

An optional dual redundant power supply provides reliability in the event of power loss in one of the power supplies.

These enterprise-class features are now available at a price that is affordable for medium and large workgroup networks! The Netelligent 5226A switch offers aggressive pricing, high port density, and maximum network reliability. Combined with the Netelligent 5708 100Base-TX and 100Base-FX switches, Ethernet and Fast Ethernet hubs, and 10/100Base-TX controllers, the Netelligent 5226A rounds out the complete desktop to backbone networking solution from Compaq.

MODELS

Netelligent 5226A Ethernet Switch

*)
(International)

Netelligent 10/100Base-TX Uplink Module

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Netelligent 100Base-FX Uplink Module

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Redundant Power Supply Module

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THE COMPAQ ADVANTAGE

➤ High port density for workgroup and desktop switching applications.

➤ Up to four Fast Ethernet connections.

➤ Provides SNMP, VLAN, RMON, VT-100 (via Telnet or serial interface) management, and IEEE 802.1d Spanning Tree functionality.

➤ Compaq Netelligent Management Software and Compaq Insight Manager are included.

➤ Compaq can provide the end-to-end solution. From the lightweight laptop computer to the multi-terabyte, fault-tolerant server and all the high-speed connections in between: client and central site modems, LAN infrastructure, and remote access servers.

➤ Compaq products are backed by customer support that is among the most comprehensive in the industry.

➤ Compaq leverages a heritage of industry-standard computing leadership to deliver the very best in networking and communications.

➤ Warranty *).

COMPAQ

Compaq Netelligent 5226A Ethernet Switch

COMPAQ NETELLIGENT 5226A ETHERNET SWITCH

KEY FEATURES

➢ VLAN

➢ RMON

➢ Multiple High-speed Uplink Ports

➢ Dual-speed Auto-sensing Uplink Connections

➢ ASIC-based Design

➢ High-speed Backplane

➢ Performance

➢ Full Duplex Support on Every Port

➢ Dual Redundant Power Supply Capability

➢ Compaq Netelligent Management Software

➢ SNMP Management

➢ VT-100 Serial Port/Telnet Management
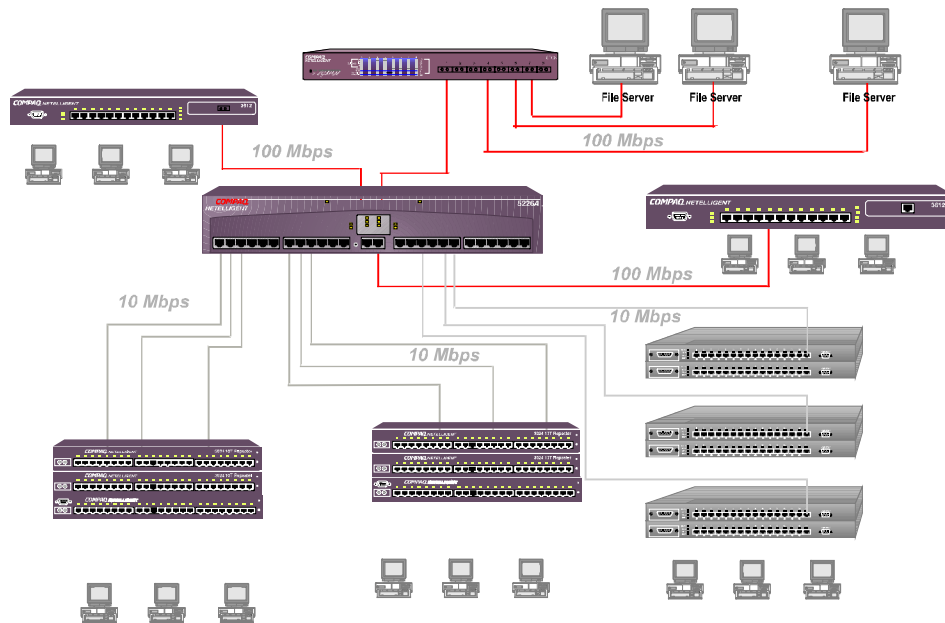
➢ Spanning Tree

BENEFITS AT A GLANCE

➢ Allows users to configure basic, useful VLAN environments from the perspective of broadcast control, network segmentation, and network security issues.

➢ Remote monitoring (RMON) gives the management system the capability to remotely monitor the switch for diagnostic purposes.

➢ Provides high-speed connections (TX and/or FX) to backbones, servers, or other 100Mb/s devices.

➢ 10/100Base-TX ports are dual-speed and auto-sensing providing flexibility in connectivity.

➢ Switching instructions implemented in hardware rather than firmware–providing higher performance, reliability, and lower cost.

➢ 1.05Gb/s backplane allows switch to move mass amounts of data at full wire-speed data rates.

➢ Provides dedicated bandwidth for every port at full wire-speed data rates.

➢ Increases network transfer rate up to 20Mb/s on 10Base-T ports and 200Mb/s on 100Base-TX and 100Base-FX ports.

➢ Provides users the ability to keep the switch operable in the event one of the power supplies fails, offering additional peace of mind.

➢ Flexible SNMP network management tool that enables Netelligent customers to manage their network. Supports fault, performance, and configuration management of all manageable Netelligent hubs, switches, and routers.

➢ Enables monitoring/management of the switch via any SNMP application.

➢ Enables management of switch via standard Telnet application (over the LAN or via the Internet).

➢ Optimizes performance and allows set up of redundant links for maximum up-time.
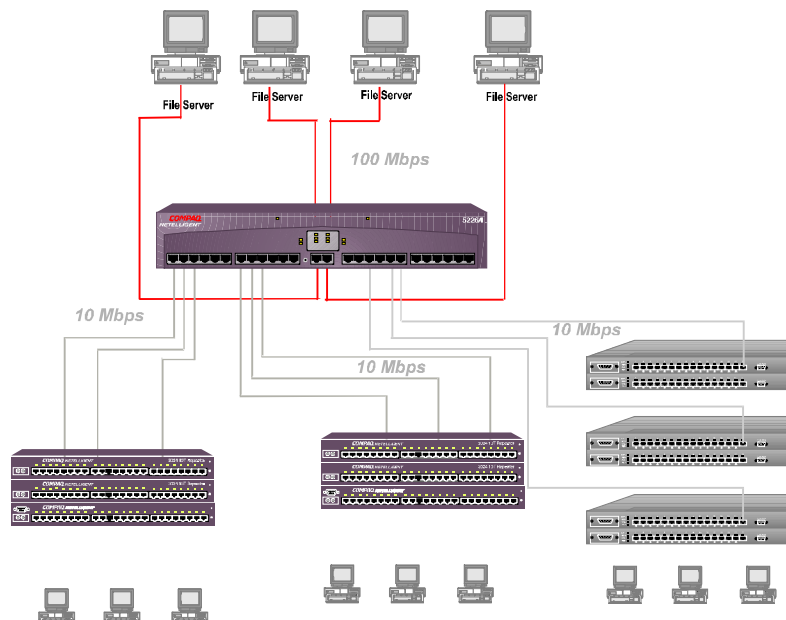
COMPAQ NETELLIGENT
5226A ETHERNET SWITCH

USAGE SCENARIOS

➢ Customer has a fiber backbone, is upgrading hubs from Ethernet to Fast Ethernet, and needs a vehicle for the legacy Ethernet to talk to the new Fast Ethernet users:

   – Customer installs a Netelligent 5226A switch and connects the Ethernet hubs to the 10Base-T ports and the Fast Ethernet hubs to the 10/100Base-TX ports.

   – Customer installs the optional 100Base-FX module for the Netelligent 5226A switch to attach to the corporate fiber backbone and to fiber Smart Uplinks on Netelligent Fast Ethernet hubs.
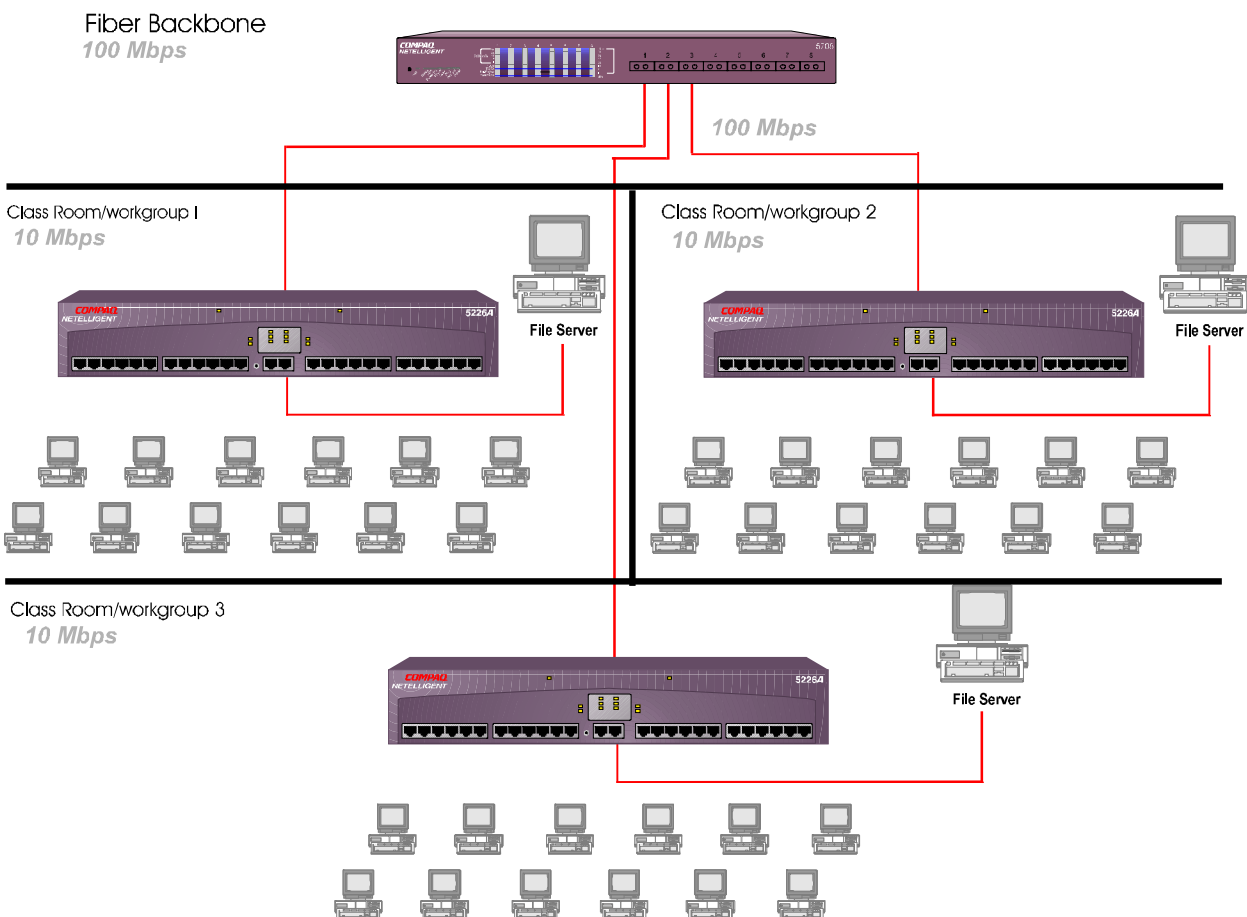

➢ Customer has a segmentable Ethernet hub or hub stack, and would like to communicate between the segments via a switch:

   – Customer installs a Netelligent 5226A switch and connects each shared segment to the 10Base-T ports on the 5226A.

   – Customer can then connect up to four file servers to the 100Mb/s uplink ports on the 5226A or use one 100Mb/s port to connect to the corporate backbone.

COMPAQ NETELLIGENT
5226A ETHERNET SWITCH

USAGE SCENARIOS

➢ Customer wants to implement "10Mb/s Switched" to the desktop to improve user performance and requires high-level management features such as RMON and VLAN, as well as multiple Fast Ethernet uplinks for servers, backbones, and other Fast Ethernet devices:

– Customer installs Netelligent 5226A switches and connects up to 24 10Base-T workstations per switch.

– Using the two fixed 10/100Base-TX ports on each 5226A, the customer connects to a high-speed server and/or another switch (Netelligent 5226 or 5226A).

– Customer then installs the 100Base-FX uplink modules to connect to a fiber backbone.

FOR MORE INFORMATION

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